

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROPRIATE
QSS Group, Inc.	NAS5- 99124 TASK NO. 221 AMENDMENT	924-227-62-49-89	99

TASK TITLE: (NTE 80 characters; include Project name)

GLAS FEDS Development and Services

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
Arturo B. Ferrer <i>Arturo B. Ferrer</i>	2/23/2000	582	582	301-286-3472
BRANCH HEAD	DATE	CODE	PHONE	
Elaine Shell <i>Elaine Shell</i>	2/23/2000	582	301-286-7104	
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE	PHONE	
Robert S. Lebar <i>Robert S. Lebar</i>	3/2/00	560	301-286-6382	
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE (If YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)	CONTRACTING OFFICER'S QUALITY REP.		DESIGNATED FAM:	
<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES	<i>See for L. Moore per 3/2 email</i> Larry Moore		Ron Kolecki	

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)
C.O. Requested Quote on:
Date: MAR - 8 2000

Contractor will develop specification or statement of work under this task for a future procurement. ☒ NO ☐ YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. ☒ NO ☐ YES ☐ N/A

Government Furnished Property/Facilities: ☒ NO ☐ YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: ☐ NO ☒ YES If yes: ☒ TOTAL ☐ PARTIAL
If partial, indicate onsite work in SOW by asterisk (*)

Surveillance Plan Attached: ☒ NO ☐ YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

THE EFFECTIVE DATE OF THIS CONTRACT IS THE DATE OF THE CONTRACTING OFFICER'S SIGNATURE BELOW.

INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	No. 1	No. 2	<input checked="" type="checkbox"/> No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 24,867.

The target fee of this task order is \$ 1,616.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 26,483.

The maximum fee is \$ 2,362.

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Elizabeth J. Austin
SIGNATURE OF CONTRACTING OFFICER

3/30/00
DATE

ELIZABETH J. AUSTIN
CONTRACTING OFFICER

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

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QSS Group, Inc.	NAS5- 99124	221	

Applicable paragraphs from contract Statement of Work: Function 4D5

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

Through Task 97 under this contract, the contractor developed and provided an interface between an NTGSE workstation and the GLAS instrument command and housekeeping (1553) and science (RS422) ports.

On this task, the contractor shall provide periodic and as needed maintenance of GLAS NTGSE workstations.

This maintenance will include the revisions listed below and other revisions as required. All revisions may involve the development, integration and testing of new NTGSE software.

1. Modify GLAS flight support NTGSE to add GPIB board configuration for power supply control.
2. Modify GLAS flight support NTGSE to receive time packets via Ethernet TCP/IP socket from Bench Checkout Equipment (BCE) on a 10 second frequency. Insert received time into the Spacecraft Time & Position packet sent from the NTGSE to the GLAS instrument on the 1553 bus.
3. Modify a GLAS NTGSE to perform as a 1553 bus monitor capable of capturing RT and subaddress specific transactions and forwarding the data to ASIST via Ethernet.

All modified and/or developed software will be submitted to the GLAS software configuration management system.

The contractor shall provide the following documentation and procedures:

1. Source code, executable code, and User's Guide for modified and/or developed software.
2. NTGSE configuration files (NTGSE.io and NTGSE.db) and page files for all upgrades

PERFORMANCE SPECIFICATIONS:

Must handle all GLAS command and telemetry formats as described in GLAS Command and telemetry handbook.

APPLICABLE DOCUMENTS:

GLAS Command and telemetry handbook
GLAS Flight Software Test Plan, GLAS-582-PLAN-002

TASK END DATE: 10/1/00**MILESTONES/DELIVERABLES AND DATES:**

1. Perform preventive maintenance and upgrades to the GLAS NTGSE workstations.
Due Date: 25 days after request for upgrade
2. Deliver all executable code, source code, NTGSE Files (NTGSE.io and NTGSE.db), page display files, and user's guide for the software used in deliverable 1
Due Date: Same as deliverable 1.

PERFORMANCE STANDARDS:

Schedule: On-time delivery/completion of the above
Technical: ATR's acceptance of the above

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Arturo B. Ferrer, Building 14, Room N291